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Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of |2

Complete if Known 10/538,947 Application Number Filing Date June 14, 2005 First Named Inventor Spence Art Unit Unknown **Examiner Name** Not Assigned Attorney Docket Number 05-495

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Substitute for form 1449/PTO **Application Number** 10/538,947 Filing Date INFORMATION DISCLOSURE June 14, 2005 STATEMENT BY APPLICANT **First Named Inventor** Spence Art Unit Unknown (Use as many sheets as necessary) **Examiner Name** Not Assigned **Attorney Docket Number** 05-495 Sheet 2 12

Examiner Initials*	Cite No.1	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Kanjilal et al., "On Multiple Pattern Extraction Using Singular Value Decomposition", IEEE pp. 1536-1540 (1995).	
		Cardoso, "Blind Signal Separation: Statistical Principles", Proceedings of the IEEE, pp. 2009-2025 (1998)	
		Freire et al., "Application of Singular Value Decomposition to Vertical Seismic Profiling", Geophysics,pp. 778-785 (1988)	
		Vrabie et al., "Modified Singular Value Decomposition by Means of Independent Component Analysis", Elsevier Science, pp. 645-652 (2004)	
		Mars et al., "Extensions de la SVD aux donnees multidimensionnelles: Application a la separation de sources", 19E Colloque Sur Le Traitement	
·		Du Singal Et Des Images Gretsi, pp. 1-4 (2003)	
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Spence et al.

Serial No.: 10/538,947

Filed: June 14, 2005

(Case No. 05-495)

Group Art Unit: Unknown

Examiner: Not Assigned

Statement of Relevancy of a Foreign Language References

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Signal Separation

Dear Sir:

For:

The DE 4228900 reference, which is cited in an Information Disclosure Statement by Applicant filed contemporaneously with this Statement, is being supplied in a language other than in English. The relevancy of the foreign language reference is identified in the Great Britain Search Report issued by the Great Britain Patent Office in a corresponding Great Britain patent application (a copy of which are hereto) which identifies the reference as an "A" reference meaning it is a "document indicating technological background and/or state of the art".

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underlying the invention".

Respectfully submitted,

McDONNELL BOEHNEN HULBERT &

BERGHOFF LLP

Dated: December 16, 2005

By:

A. Blair Hughes

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